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DATE 10-6-86

FIG. 1.

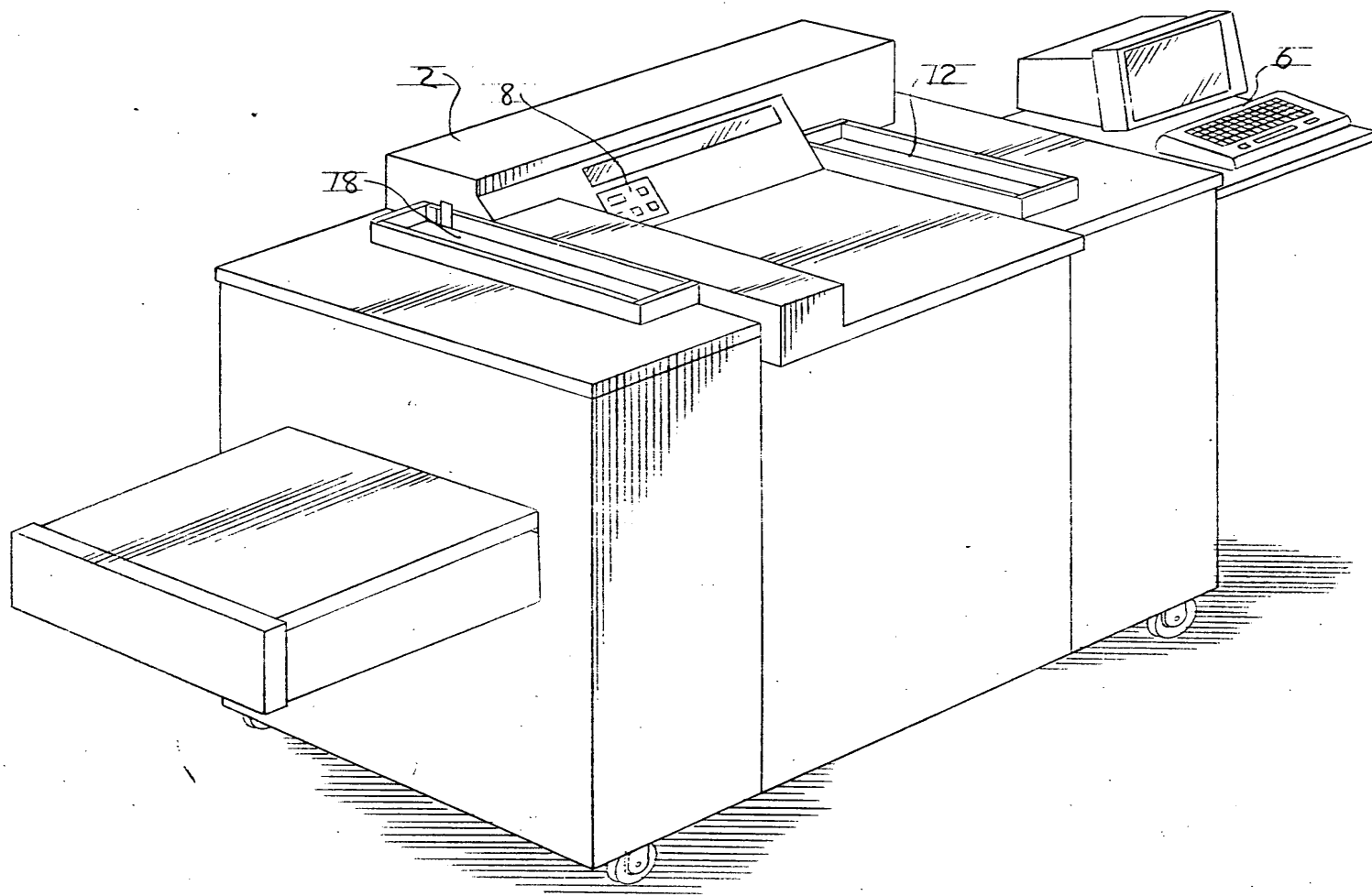
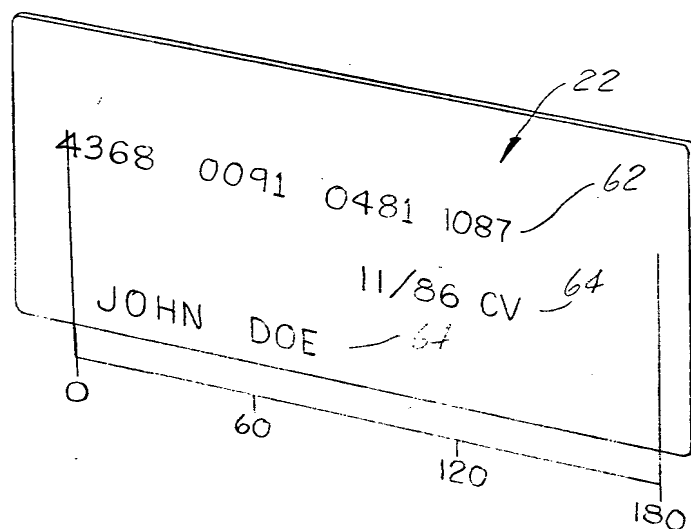
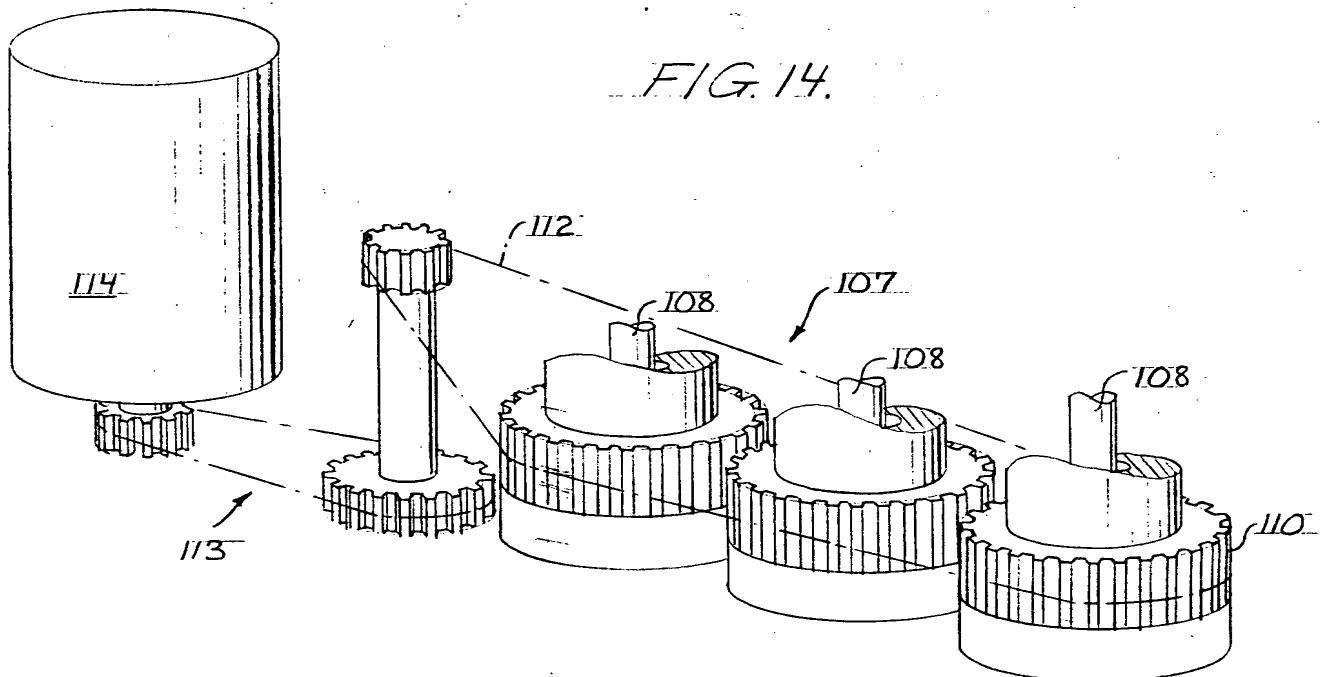
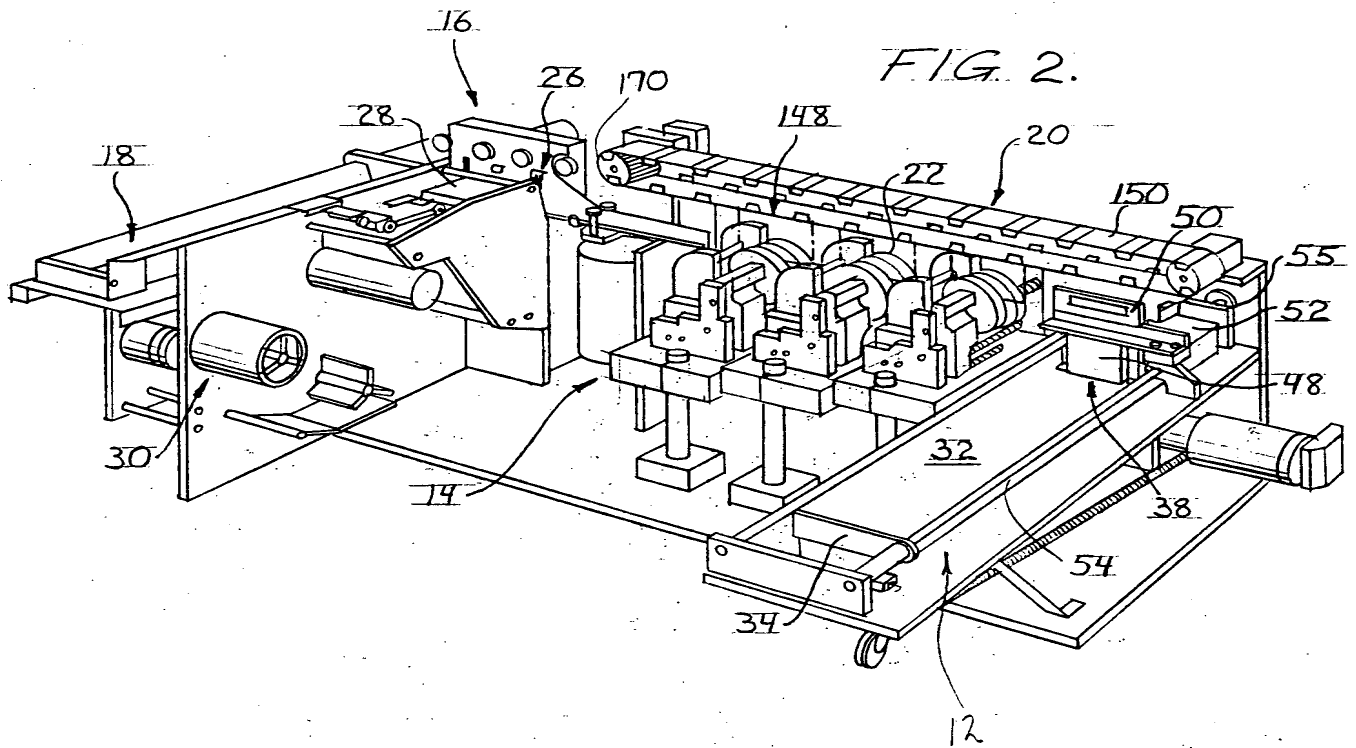


FIG. 7.



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FIG. 3

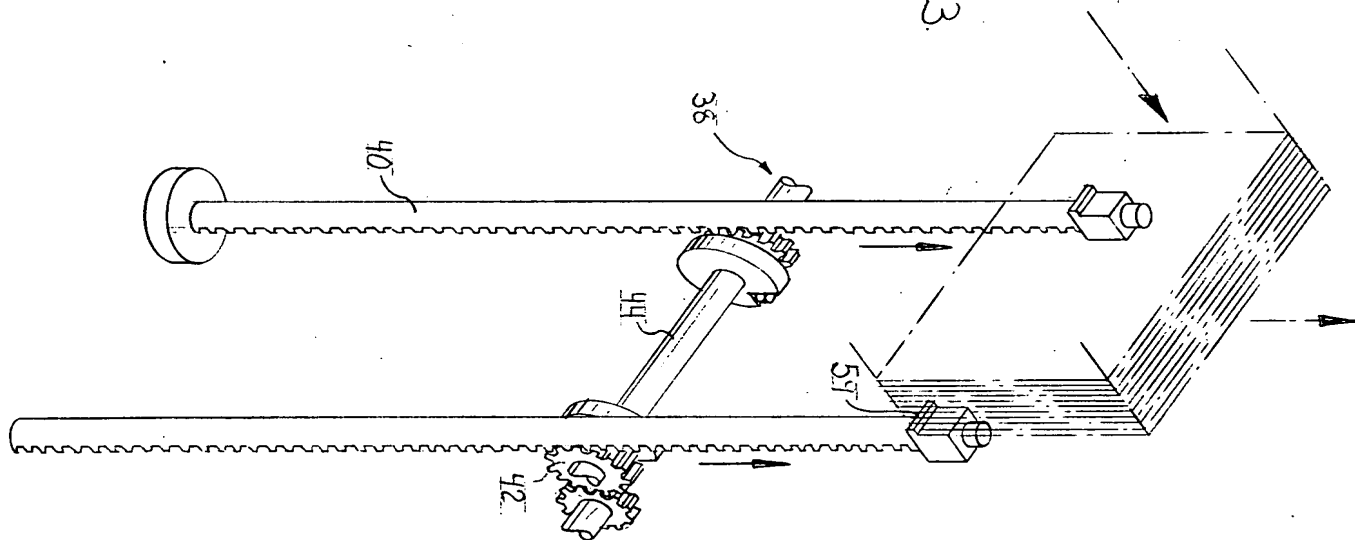
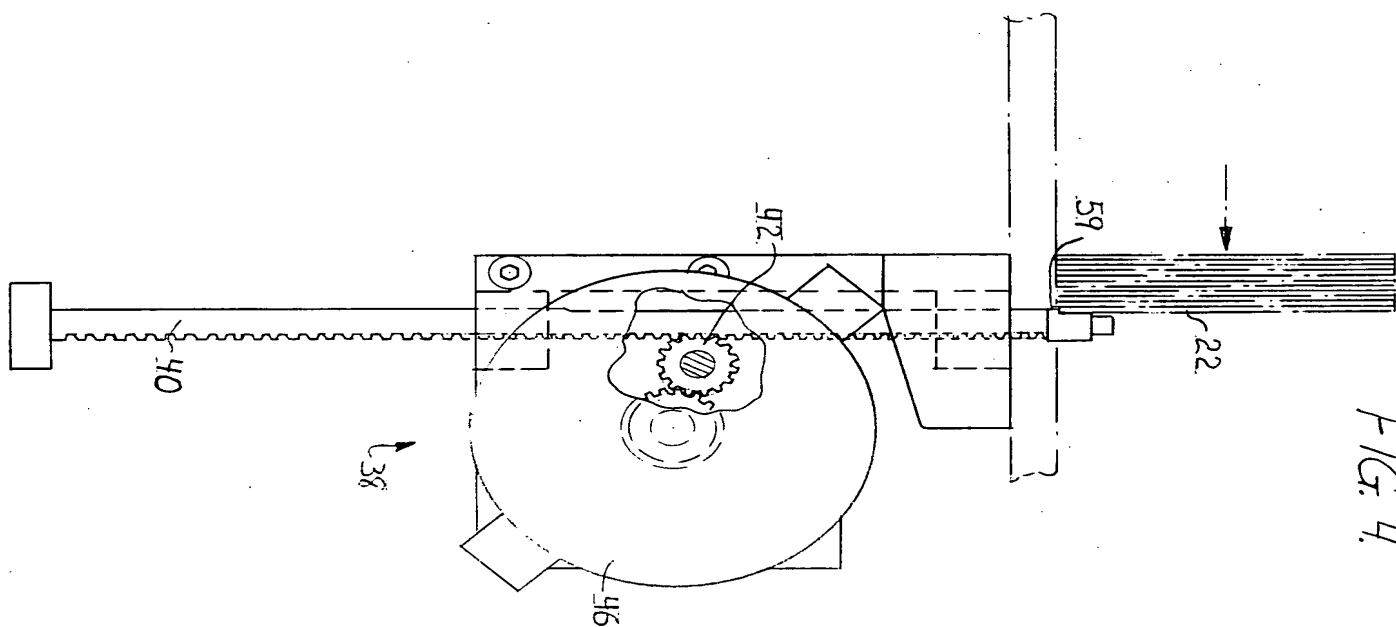
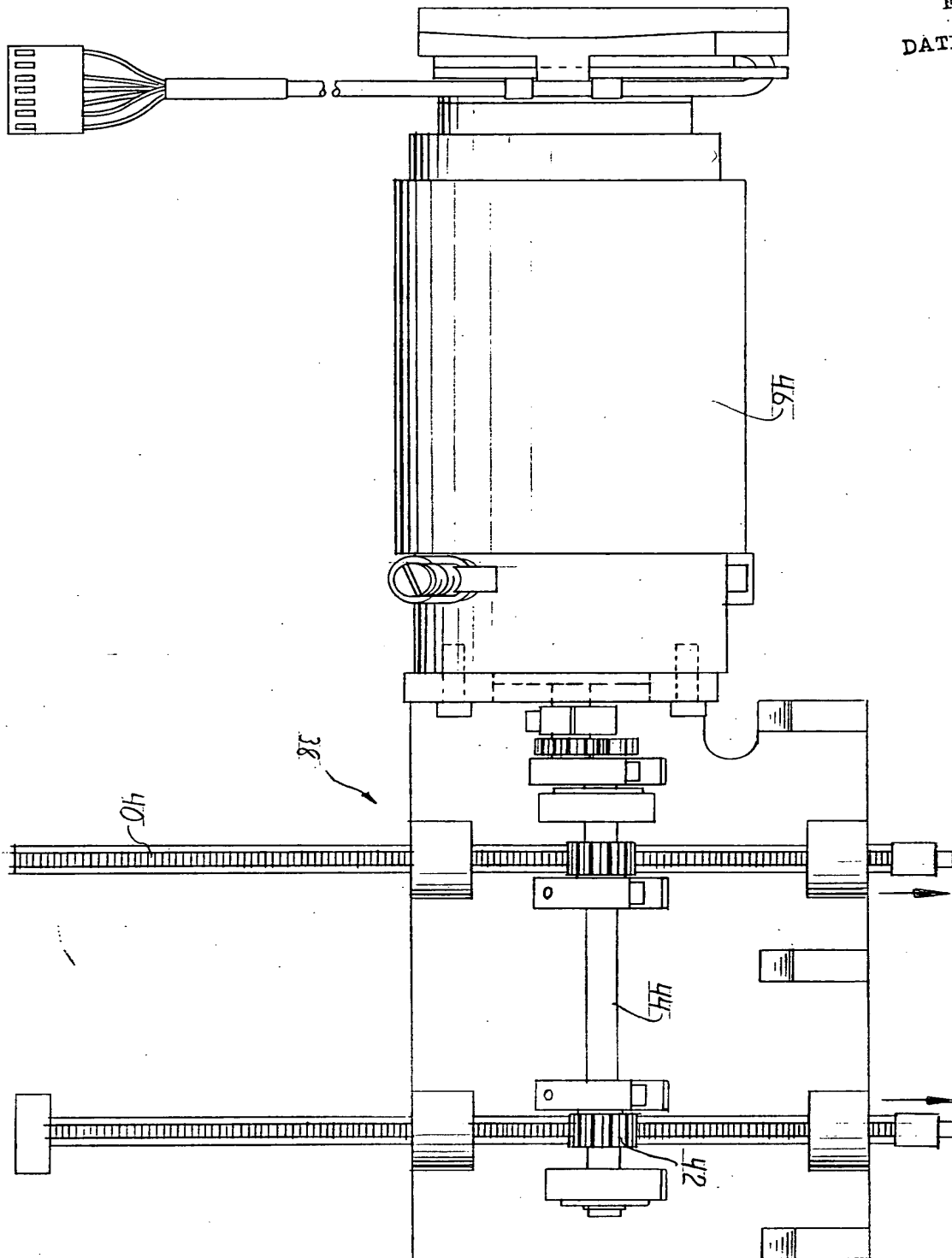


FIG. 4



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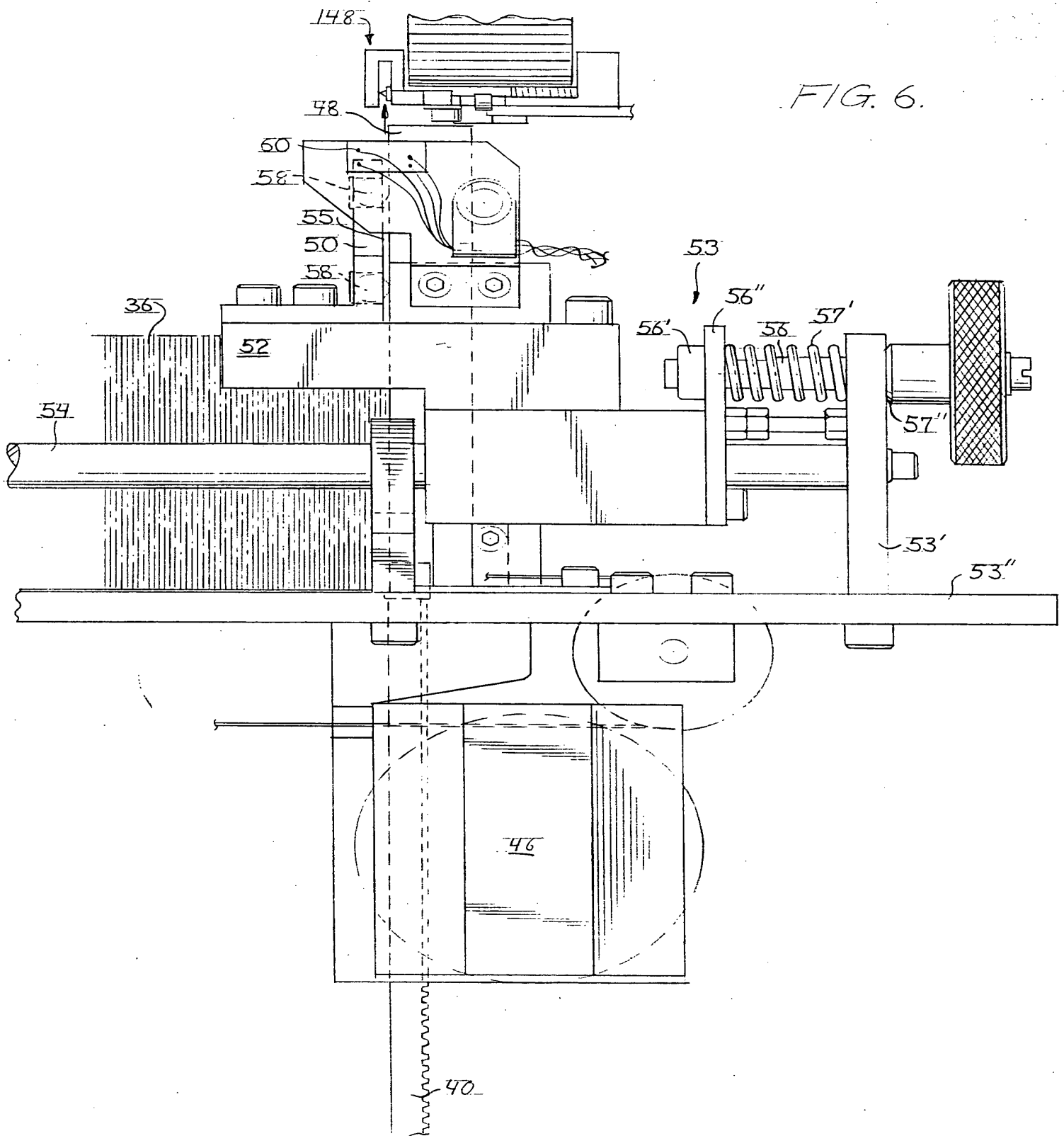
FIG. 5.



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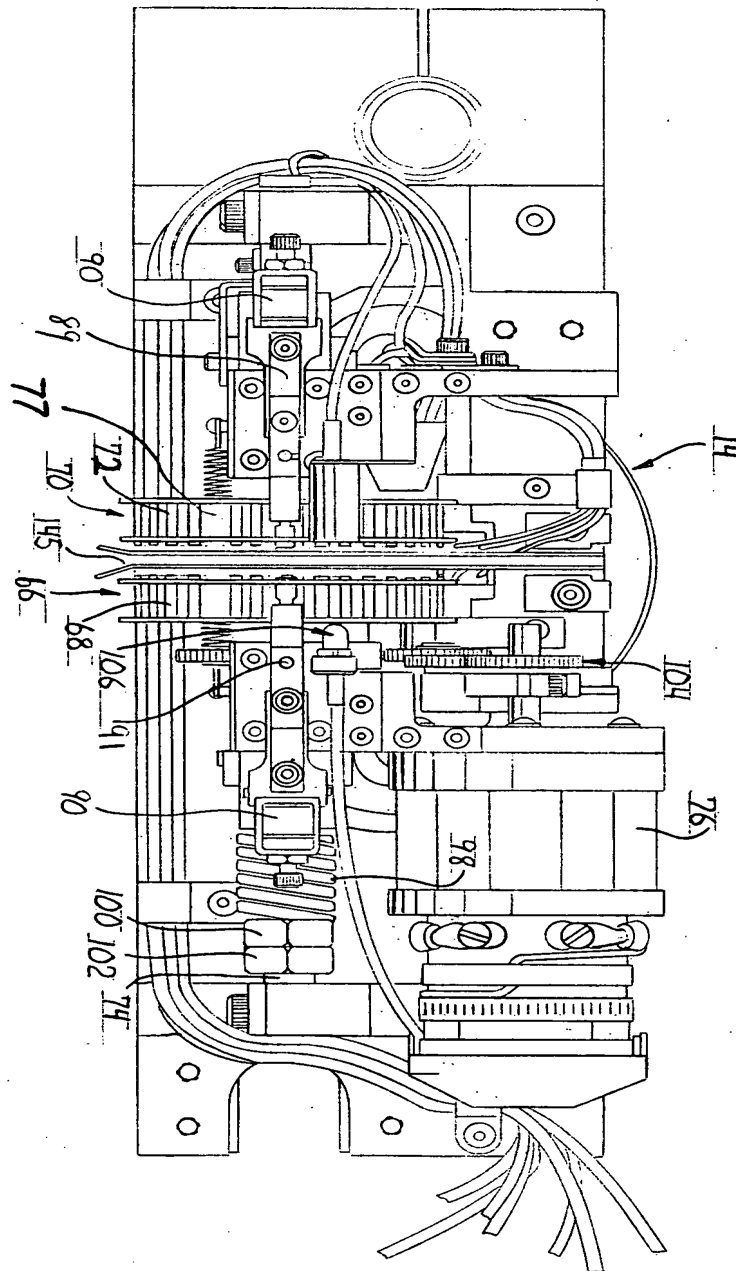
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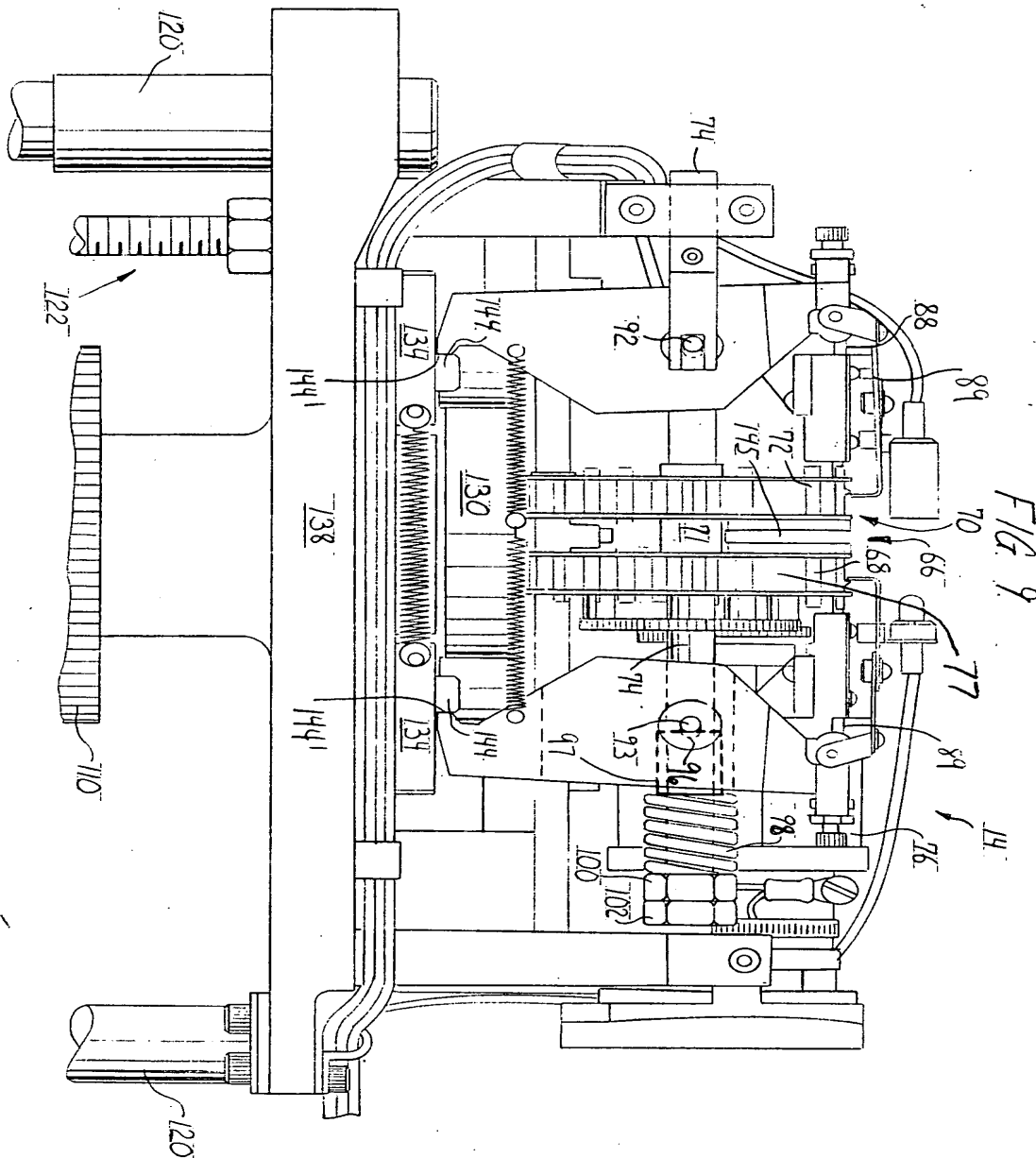


FIG. 13.

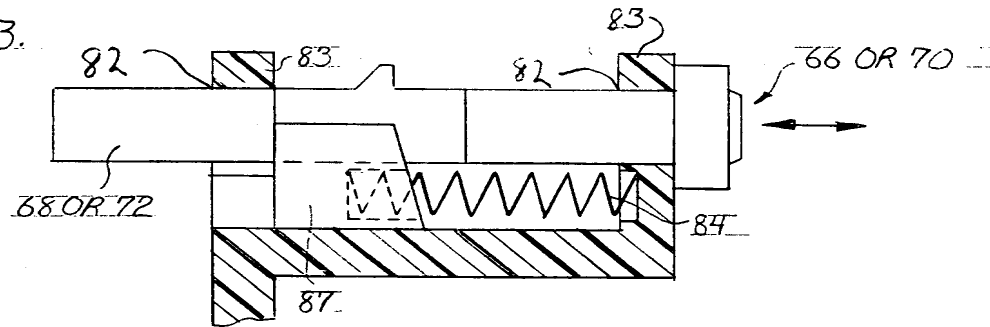
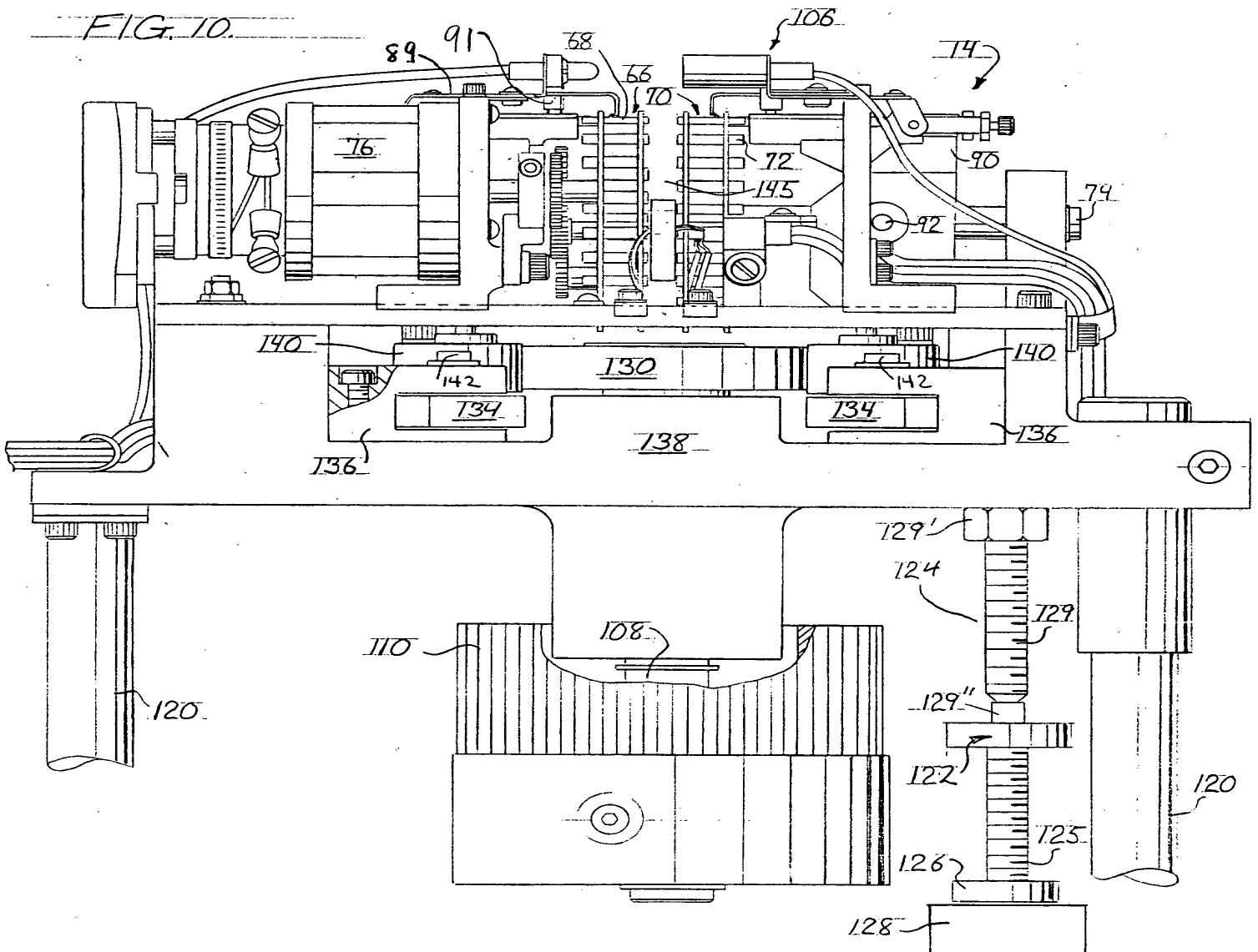


FIG. 10.



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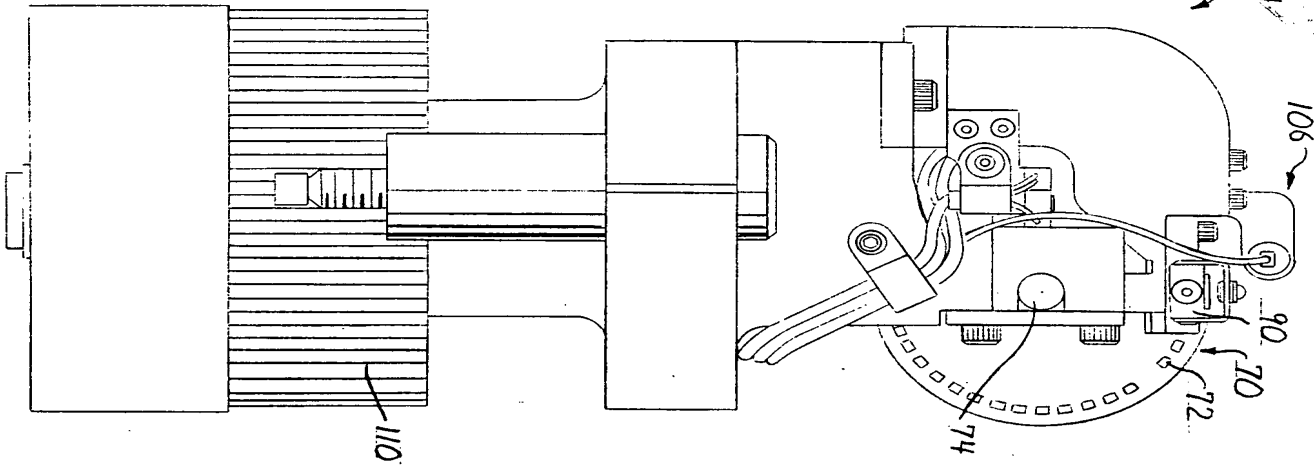


FIG. 11.

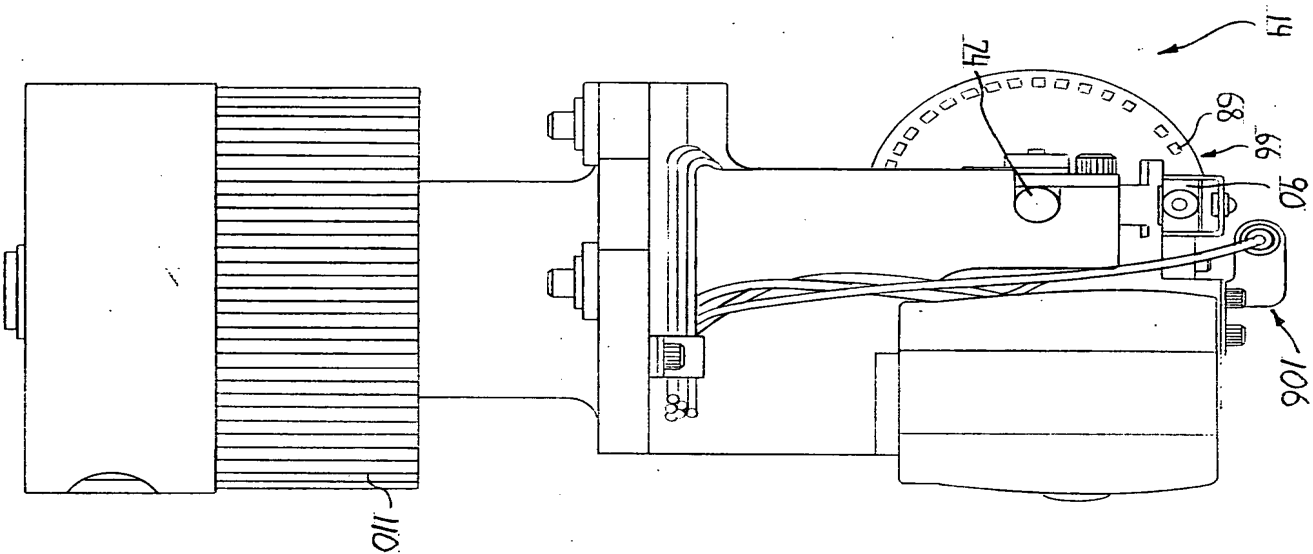


FIG. 12.

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FIG. 15

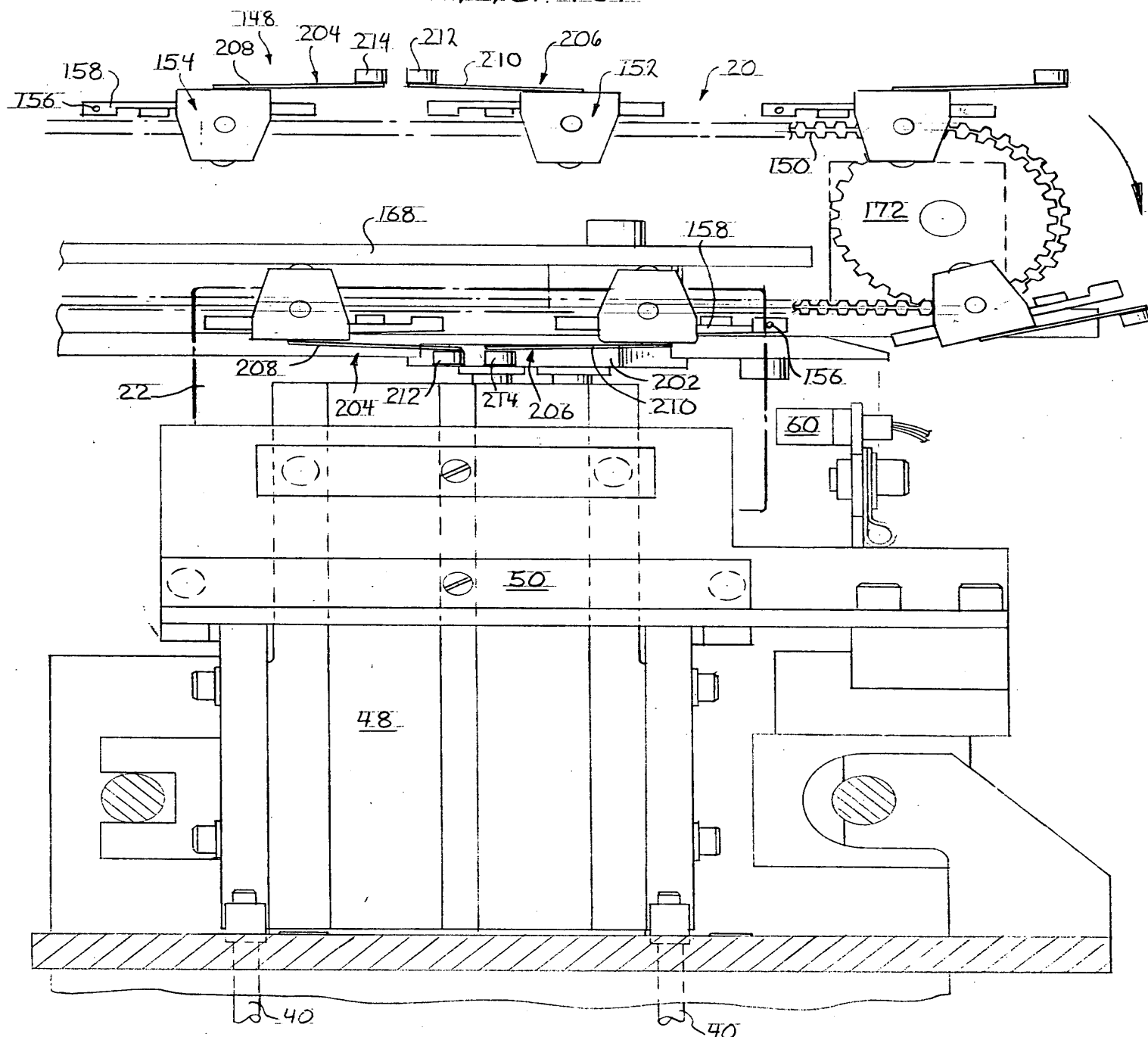
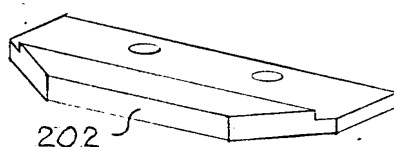


FIG. 16.



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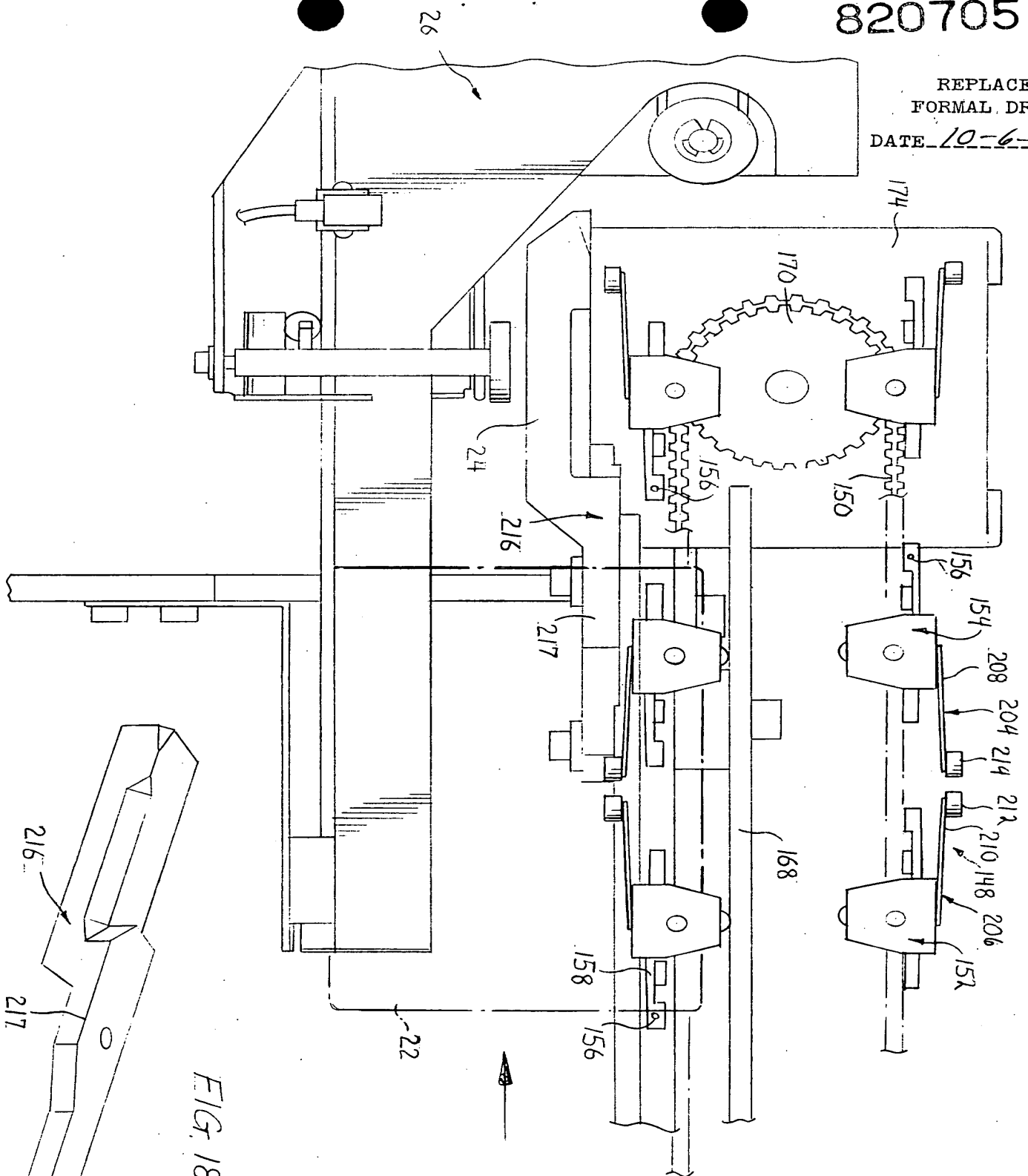


FIG. 17.

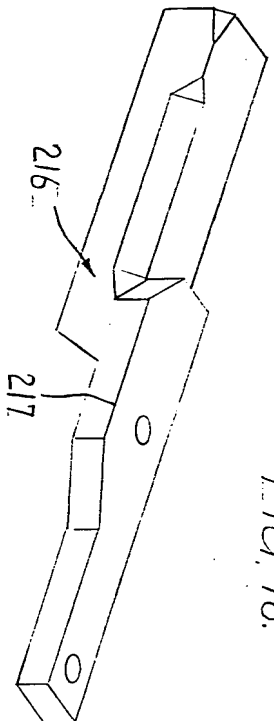


FIG. 18.

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FIG. 19.

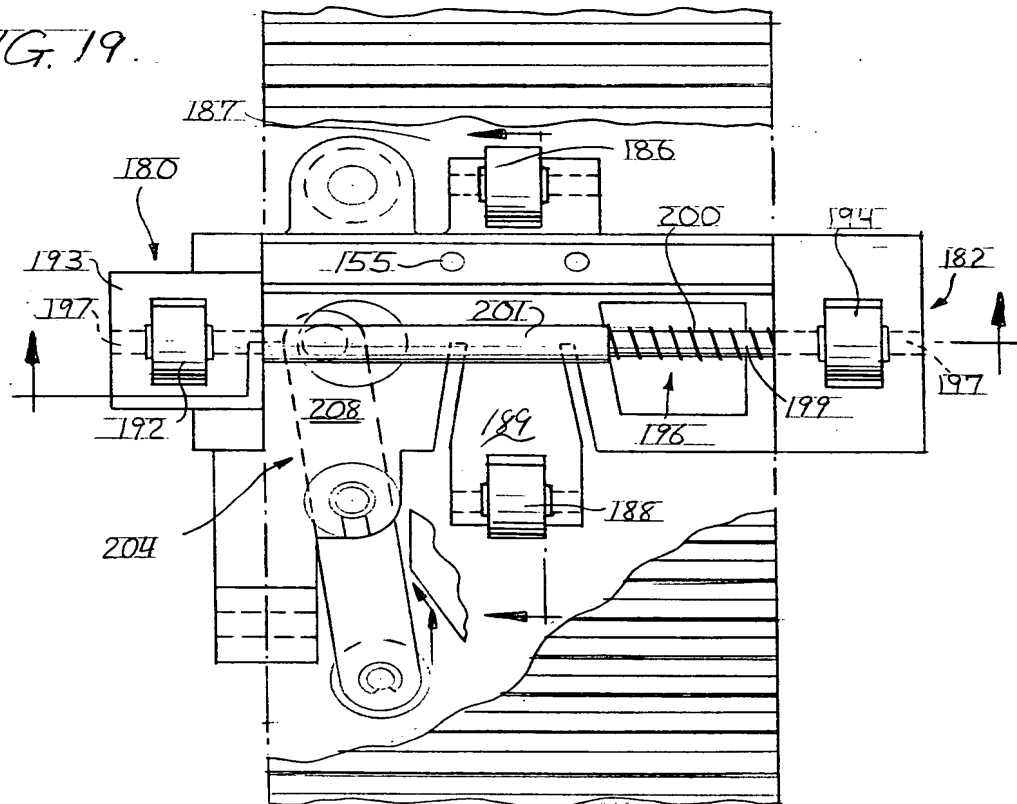


FIG. 20.

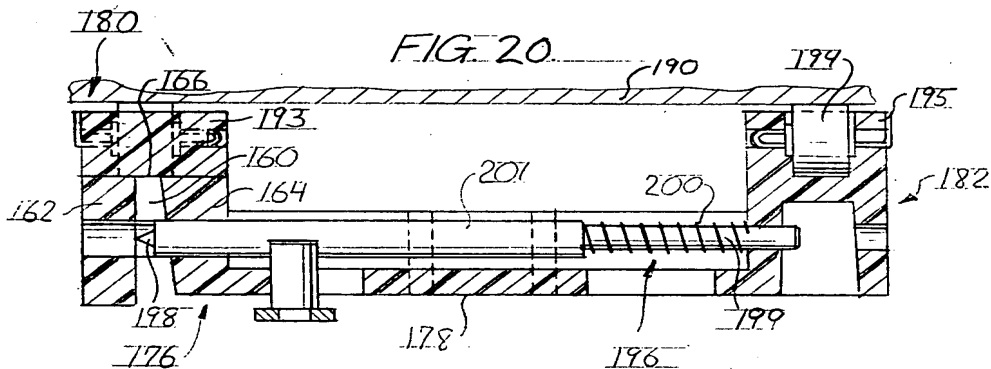


FIG. 22.

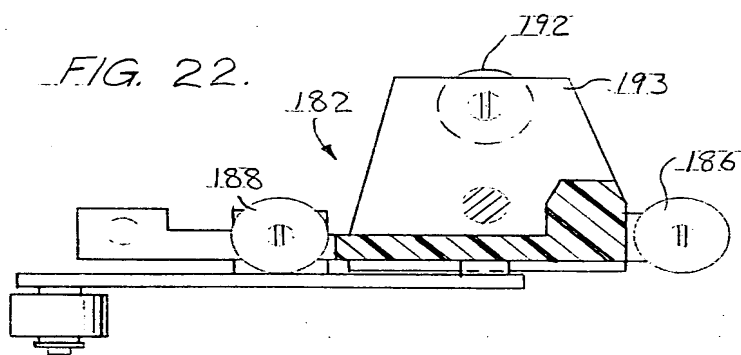
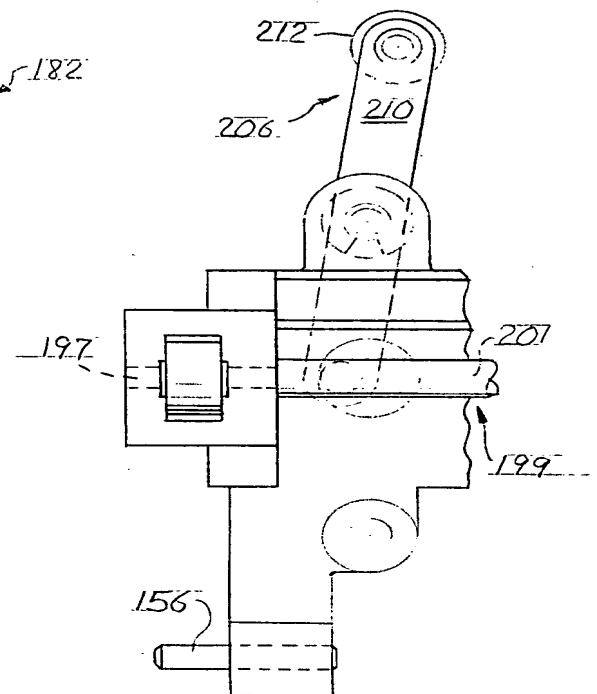


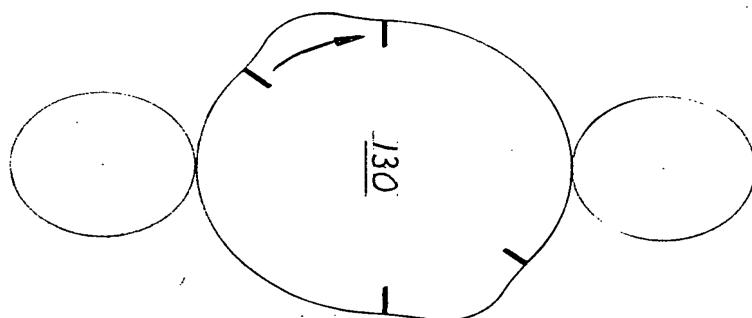
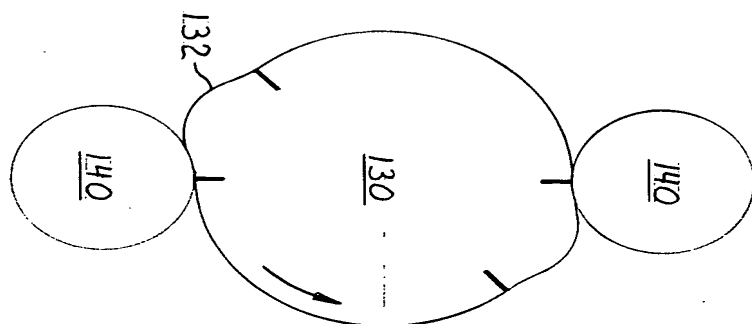
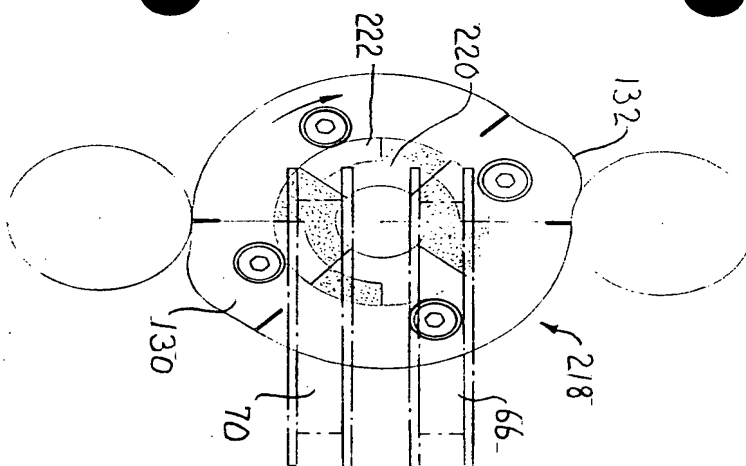
FIG. 21.



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FIG. 23.



3RD EMBOSSED UNIT 14
10 PITCH
START OF CAM RISE

2ND EMBOSSED UNIT 14
10 PITCH
START OF CAM PITCH

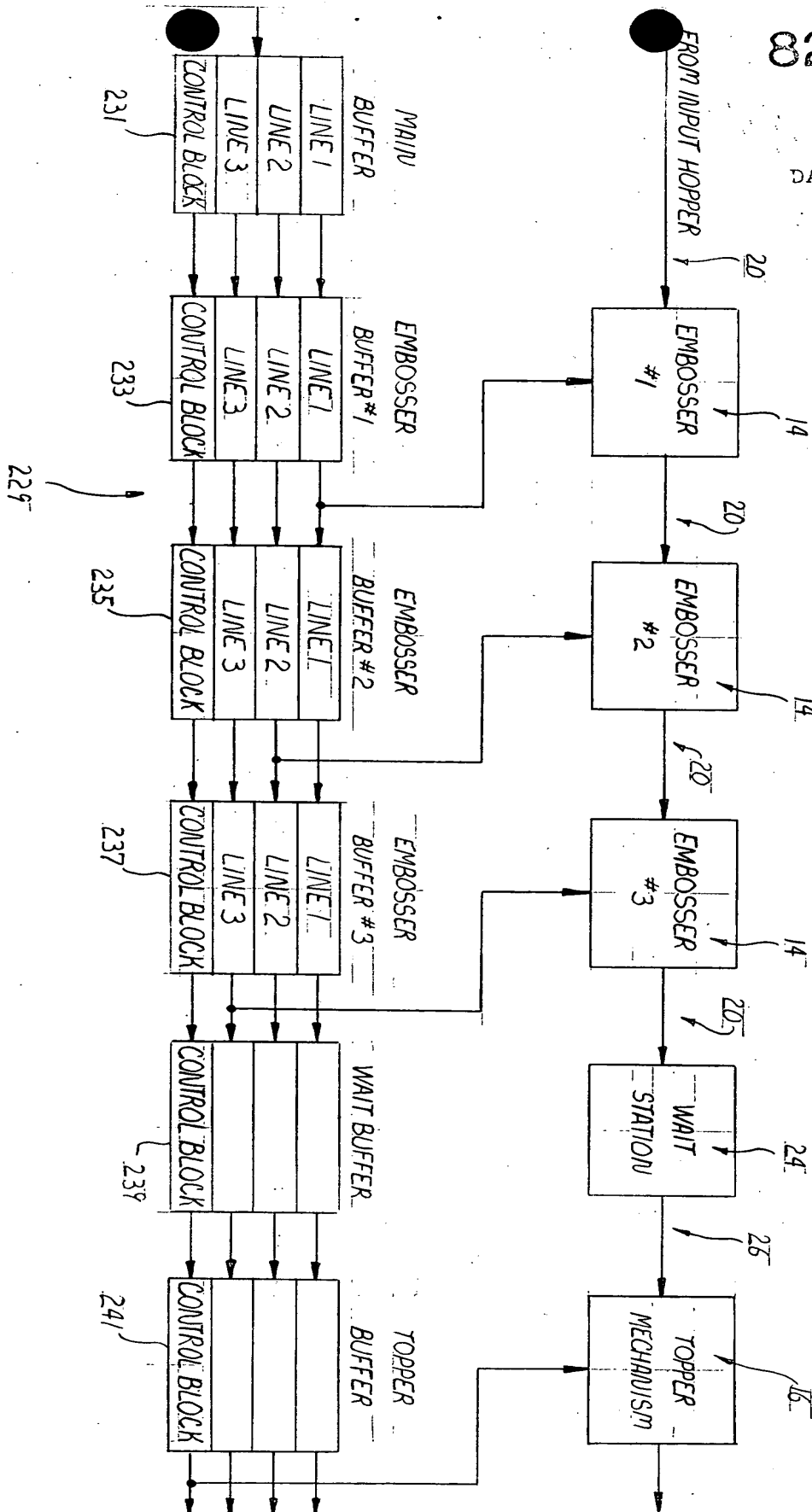
1ST EMBOSSED UNIT 14
7 PITCH
90° BEFORE CAM RISE

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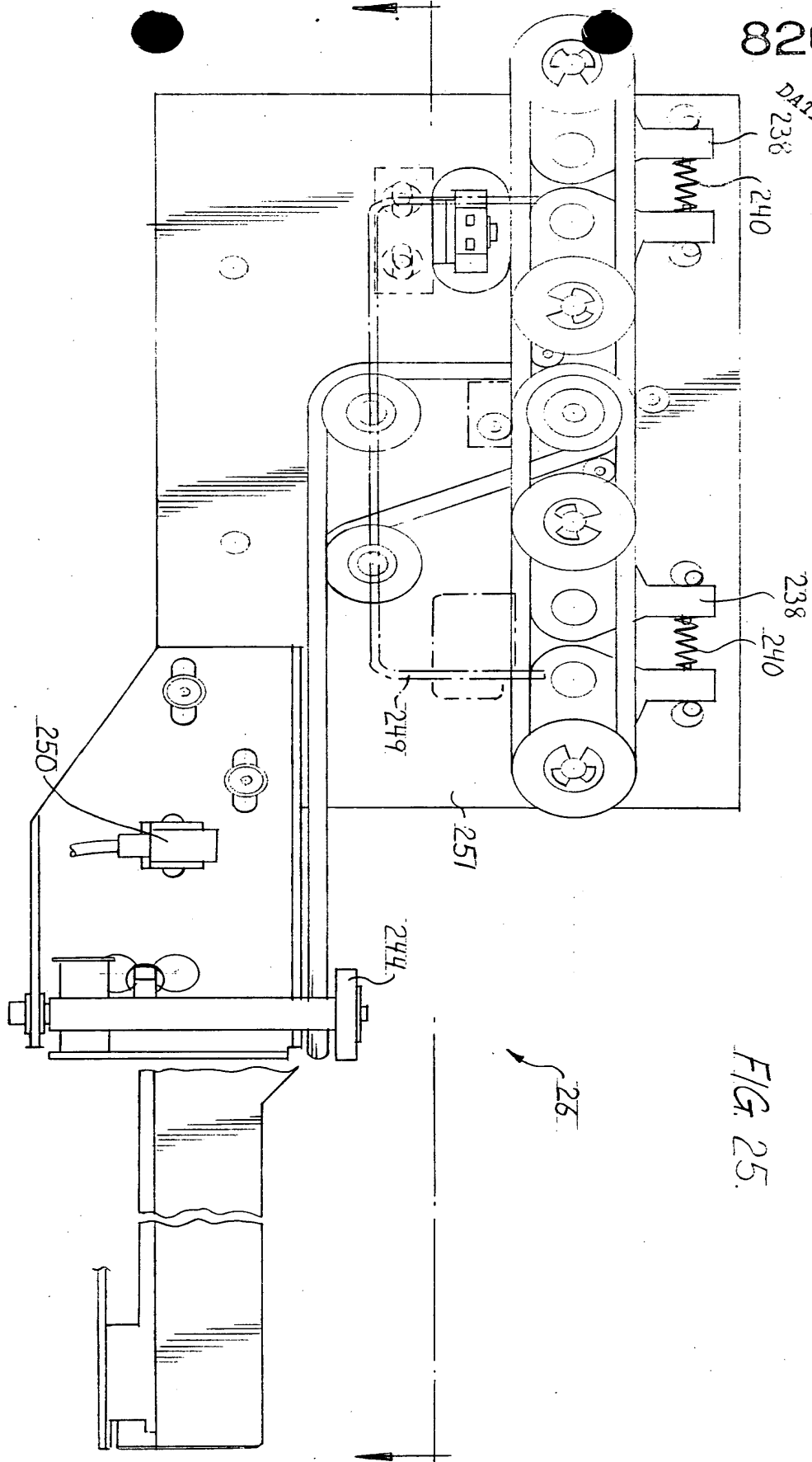
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FIG. 24



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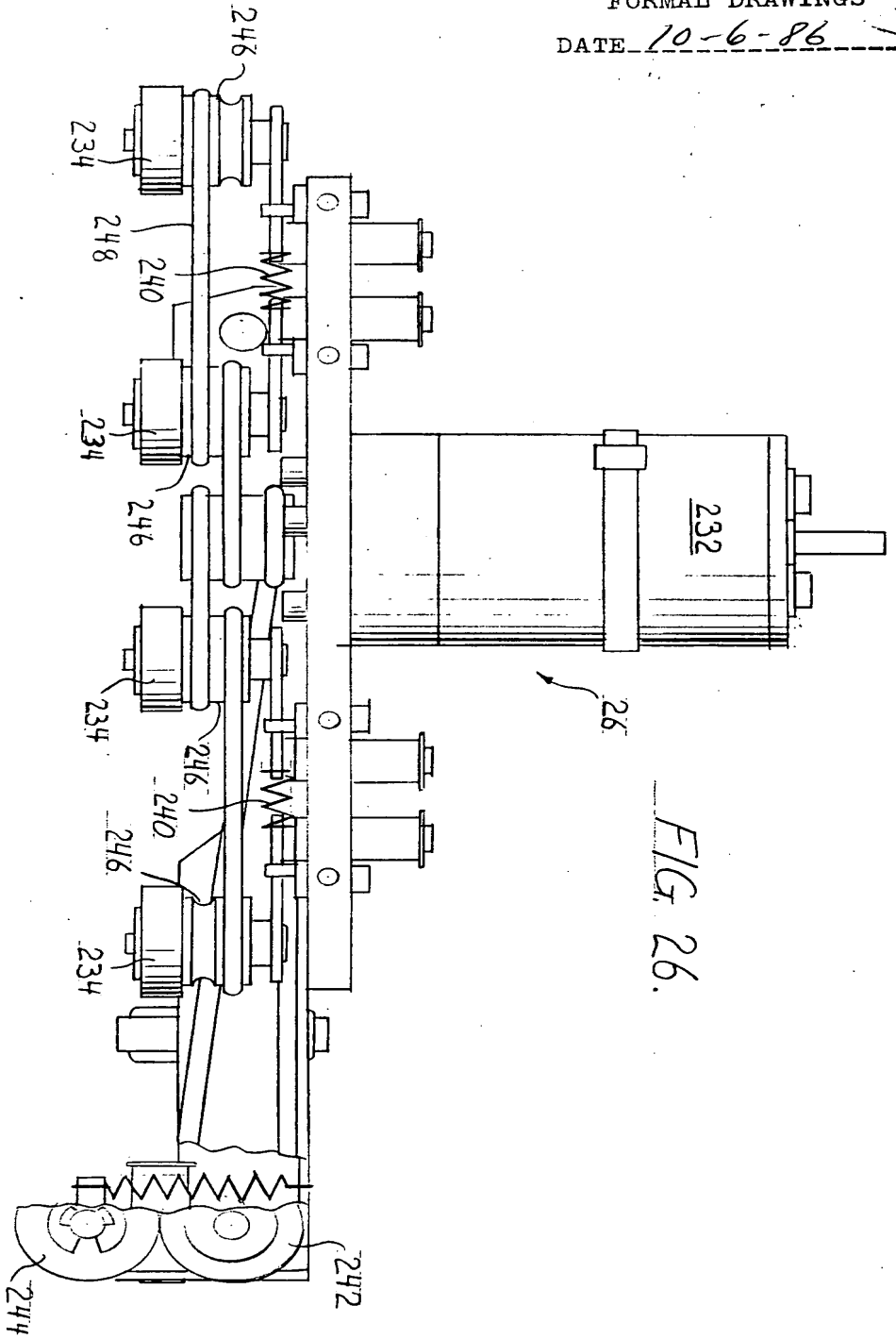


FIG. 27

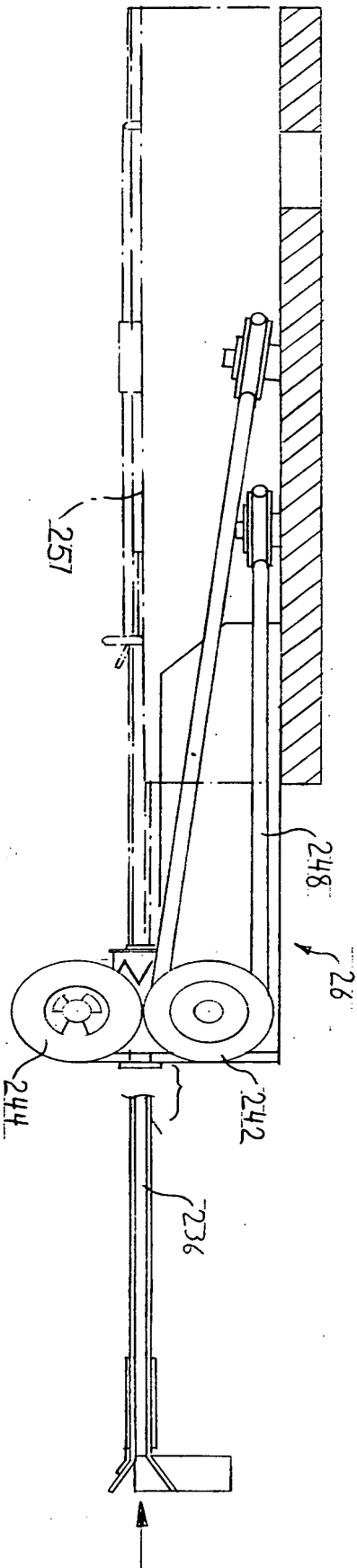


FIG. 28.

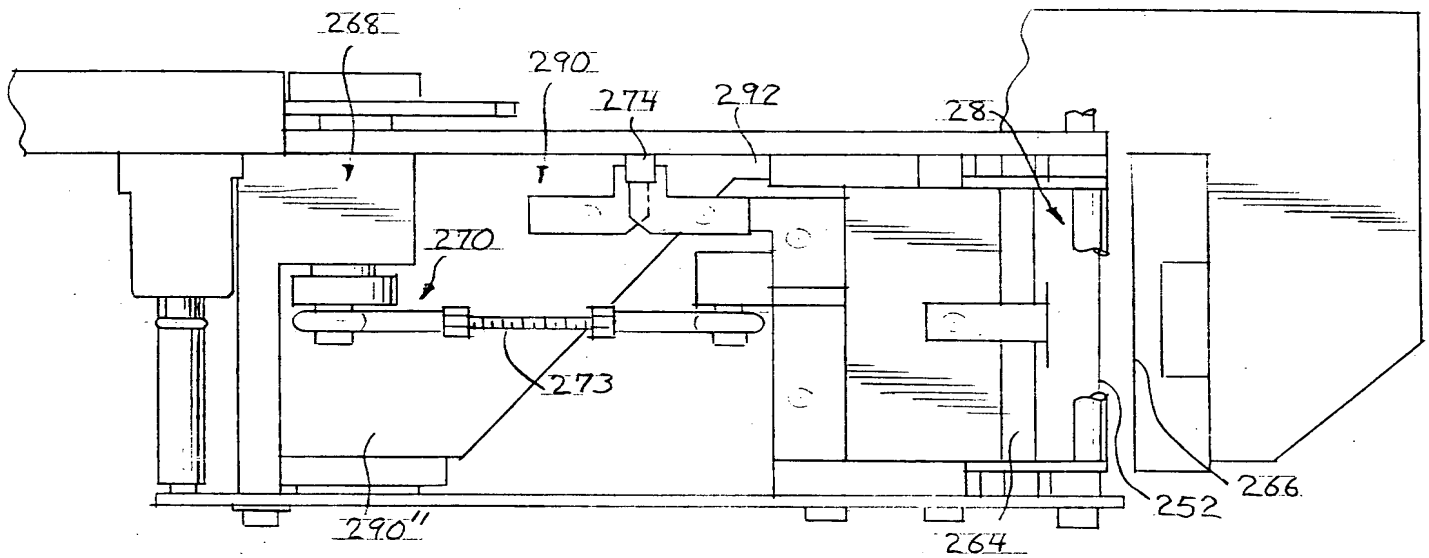


FIG. 30.

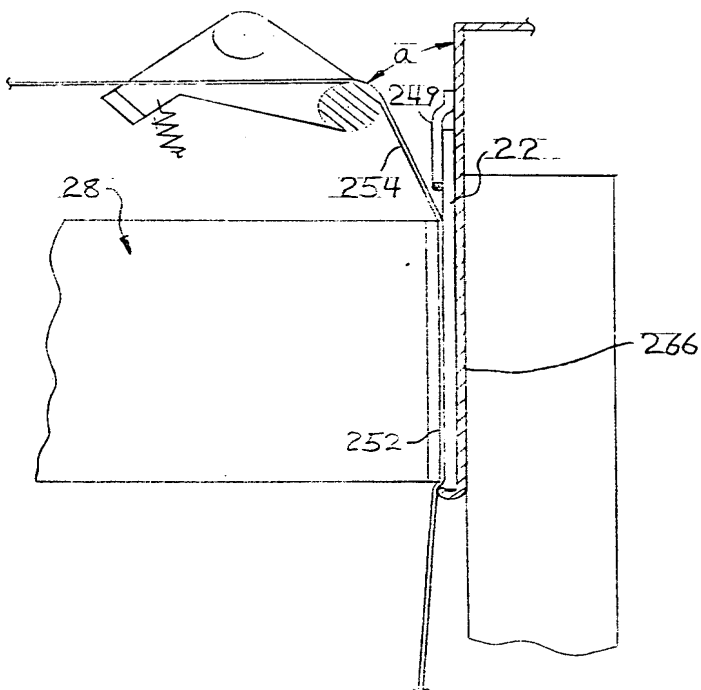


FIG. 31.

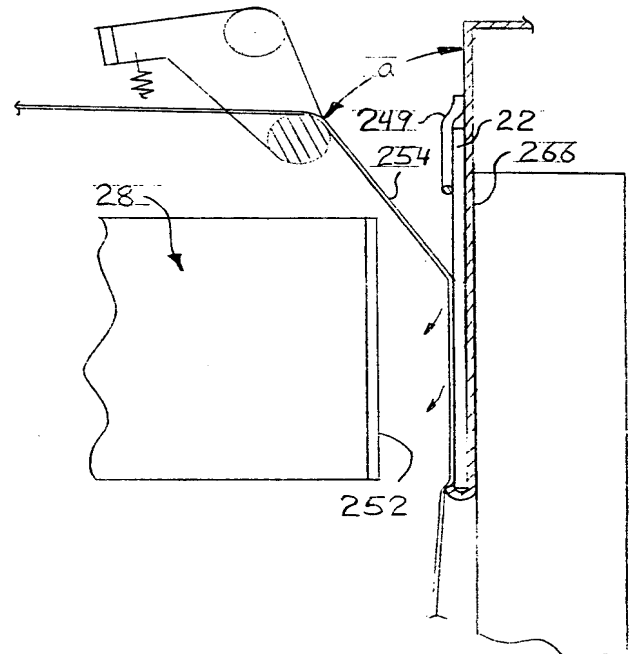


FIG. 32.

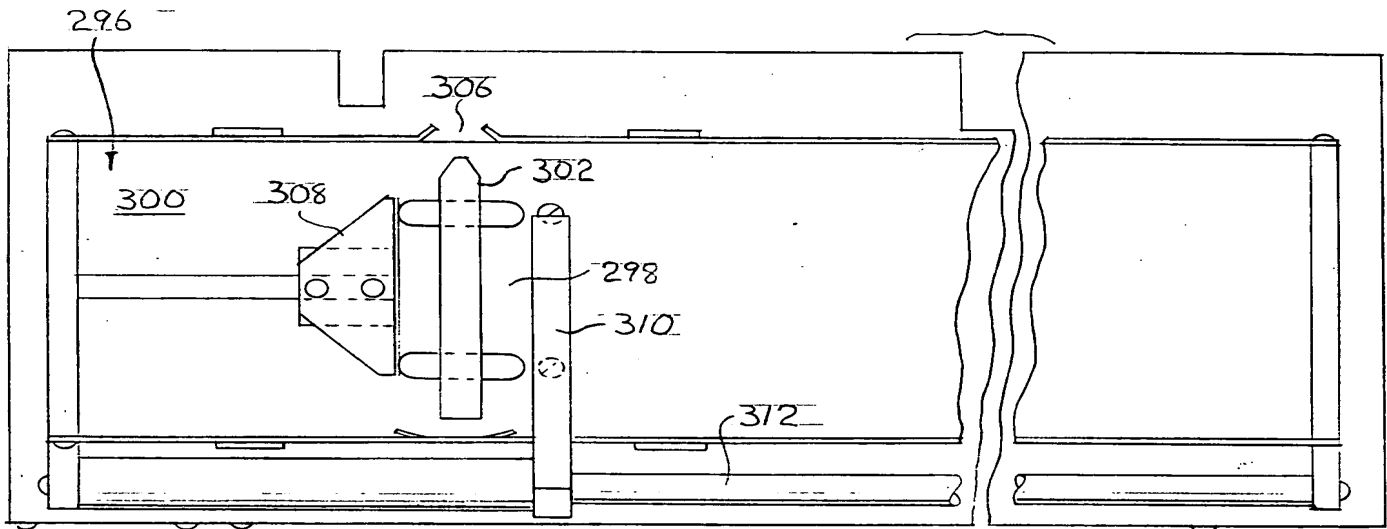
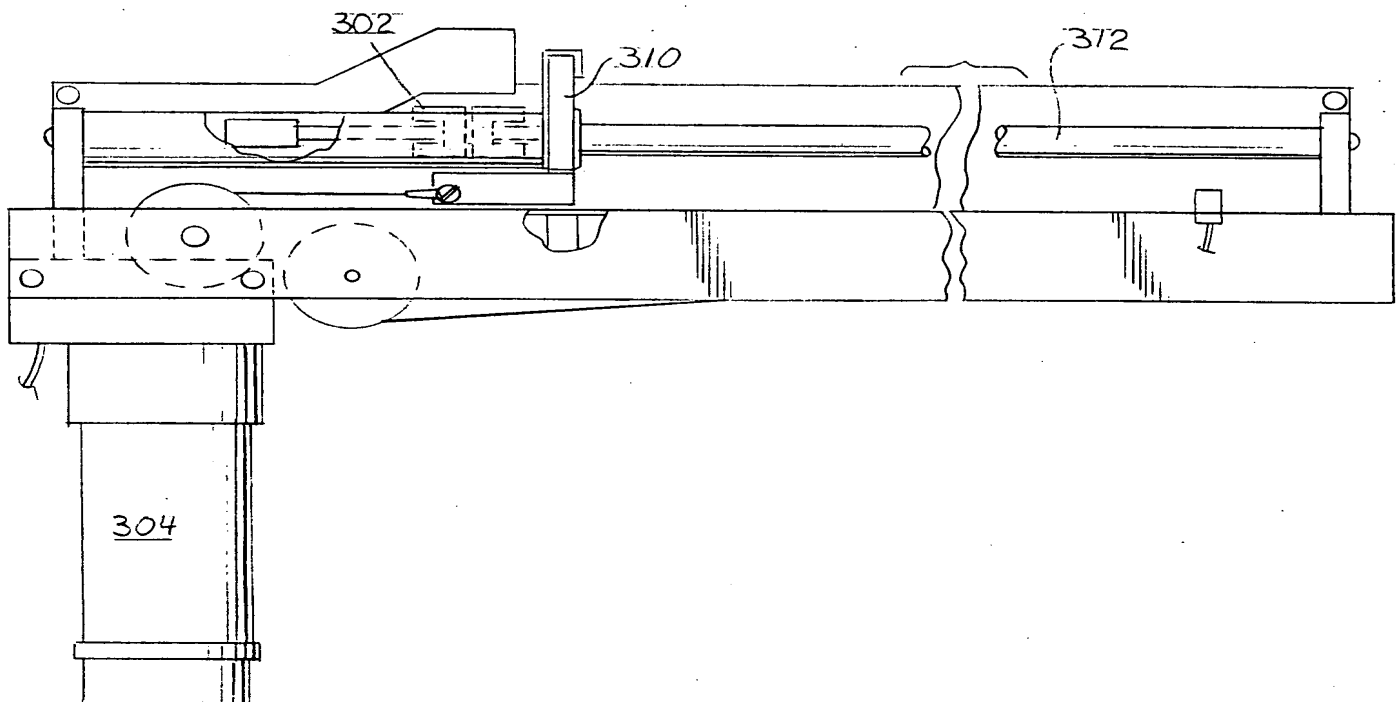


FIG. 33.



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FIG. 34.

DATA RECORD FOR CARD
1 STORED IN EMBOSSE
BUFFER #2

DATA RECORD FOR CARD
2 STORED IN EMBOSSE
BUFFER #1

DATA RECORD 1 2 3 4 *
7 PITCH 0 10 20 30 40 50 60

5 2 3 7 *
0 10 20 30

10 PITCH JOHN DOE *
0 7 14 21 28 35 42 49

SAM - S. MITCH *
0 7 14 21 28 35 42 49 56 63

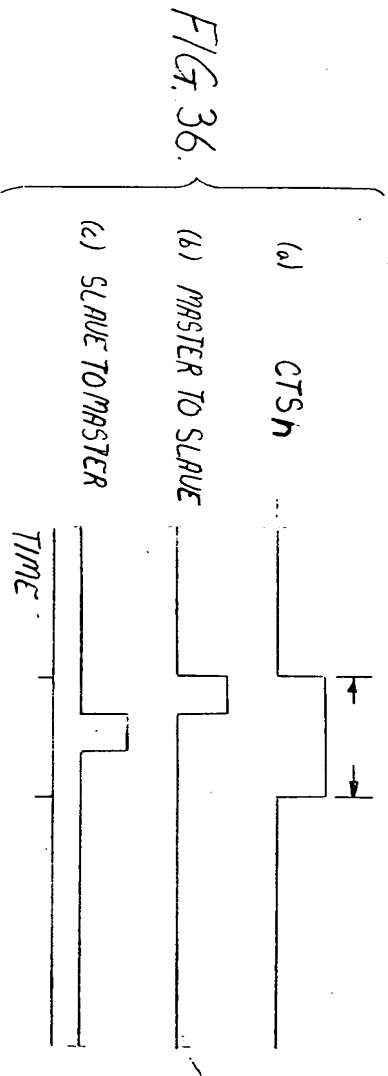
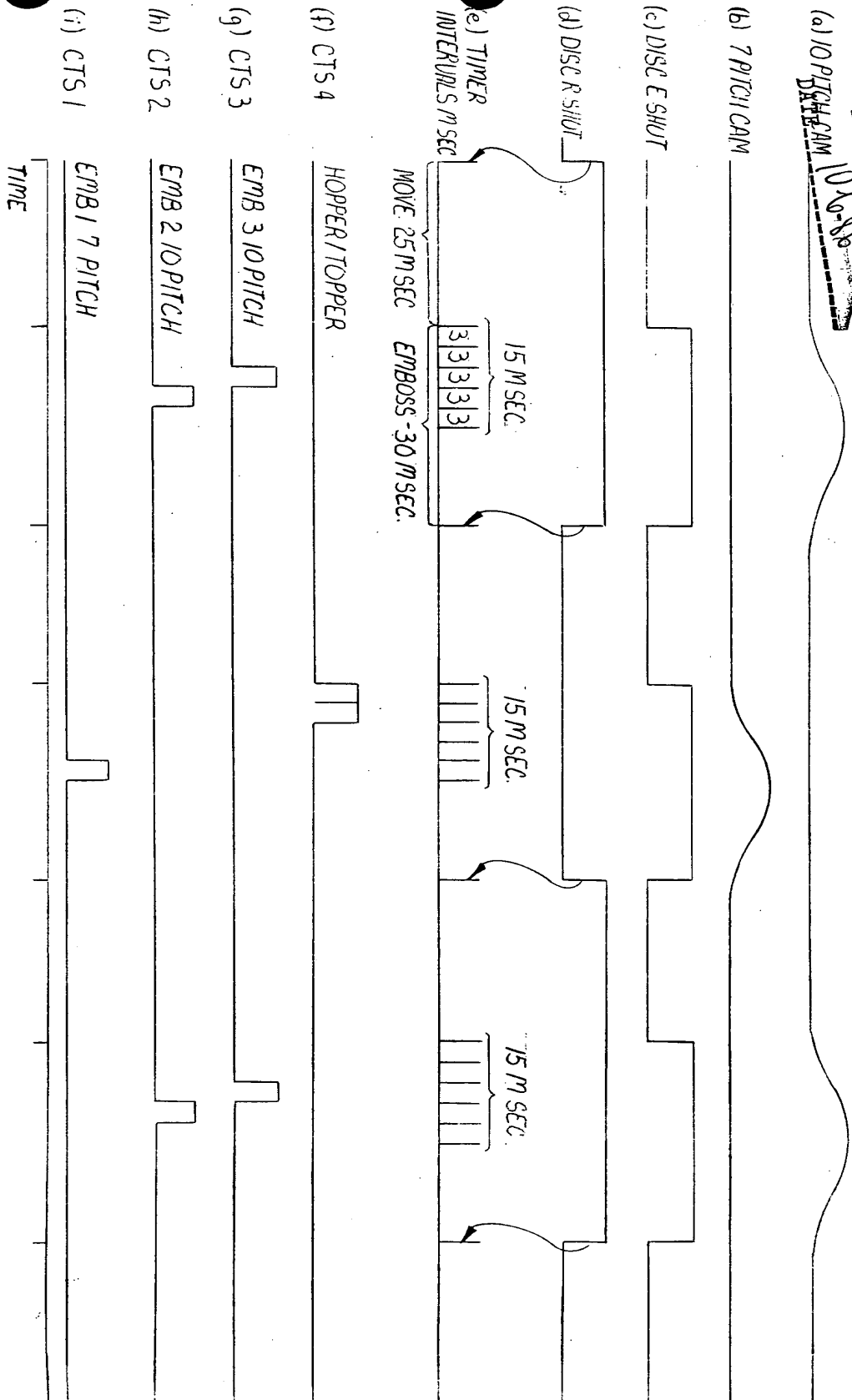
CURRENT BELT POSITION

BELT POSITION, CLOSET
NEXT CHARACTERS AND CARD

0
7
10
14
20
21
30
35
42

7, "O" (1)
10, "2" (2)
14, "H" (1)
20 "3" (2)
21 "N" (1)
30 "7" (2)
35 "O" (1)
42 "O" (1)
49 "E" (1)

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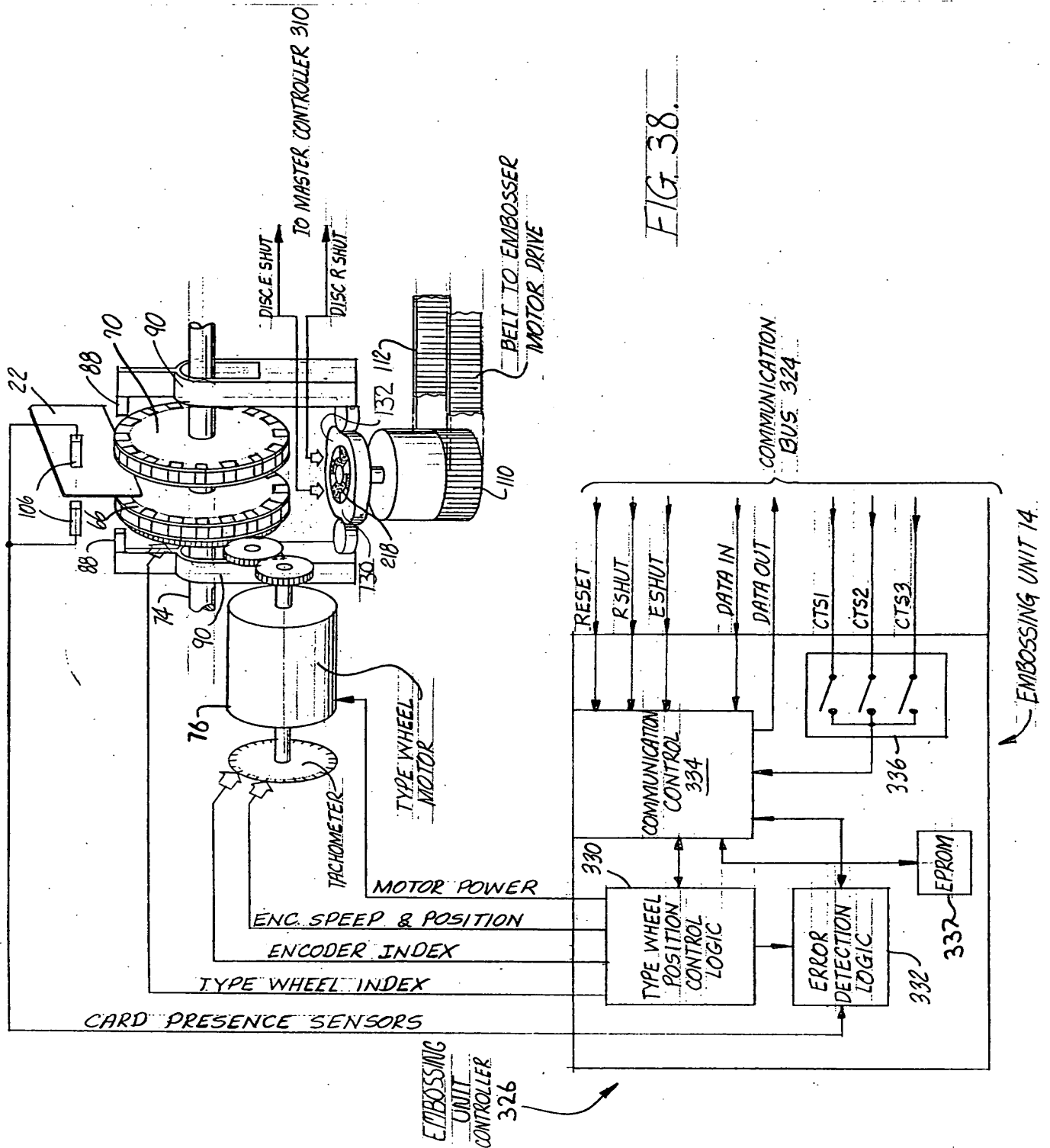




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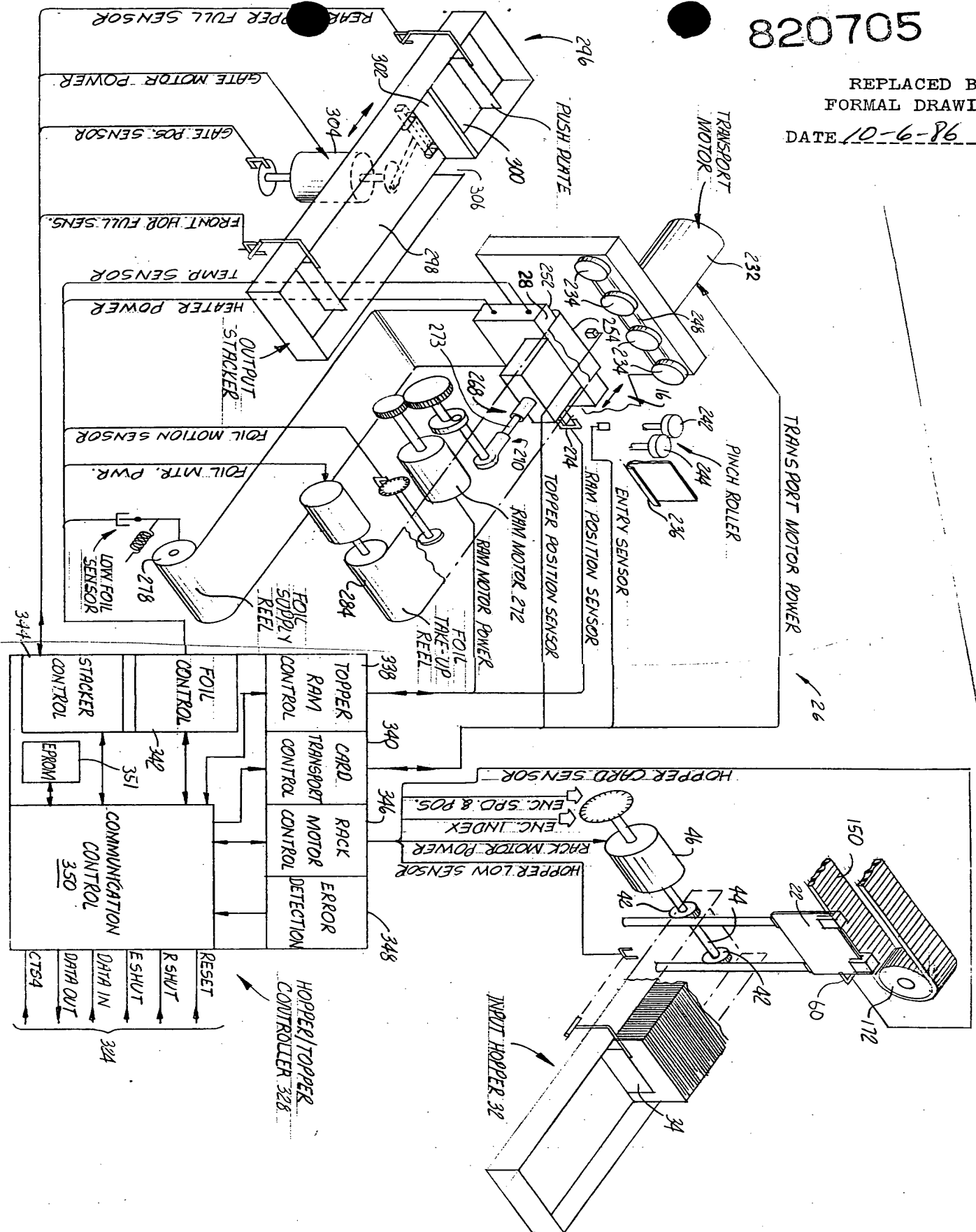
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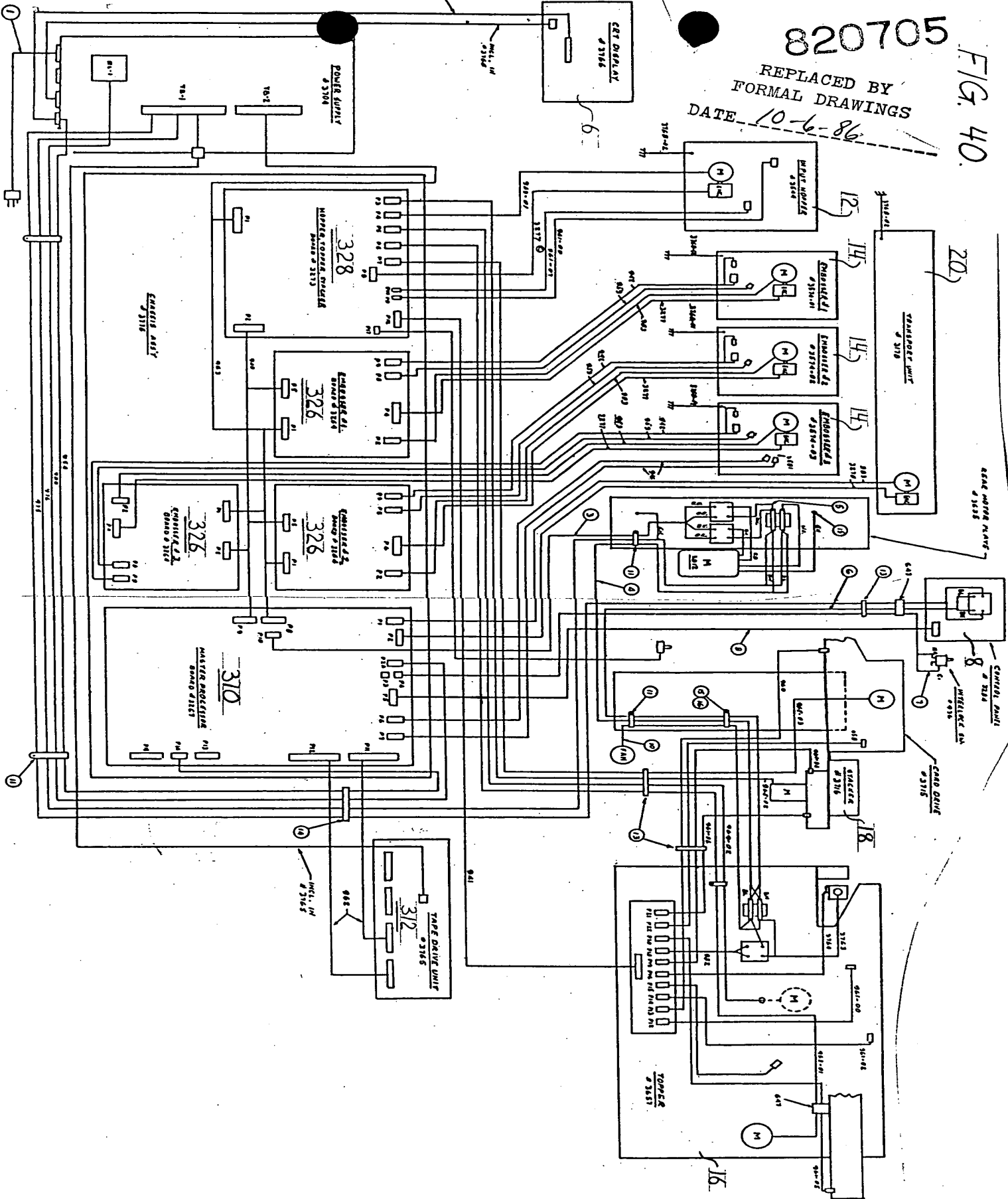
FIG. 39.



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FIG. 40.



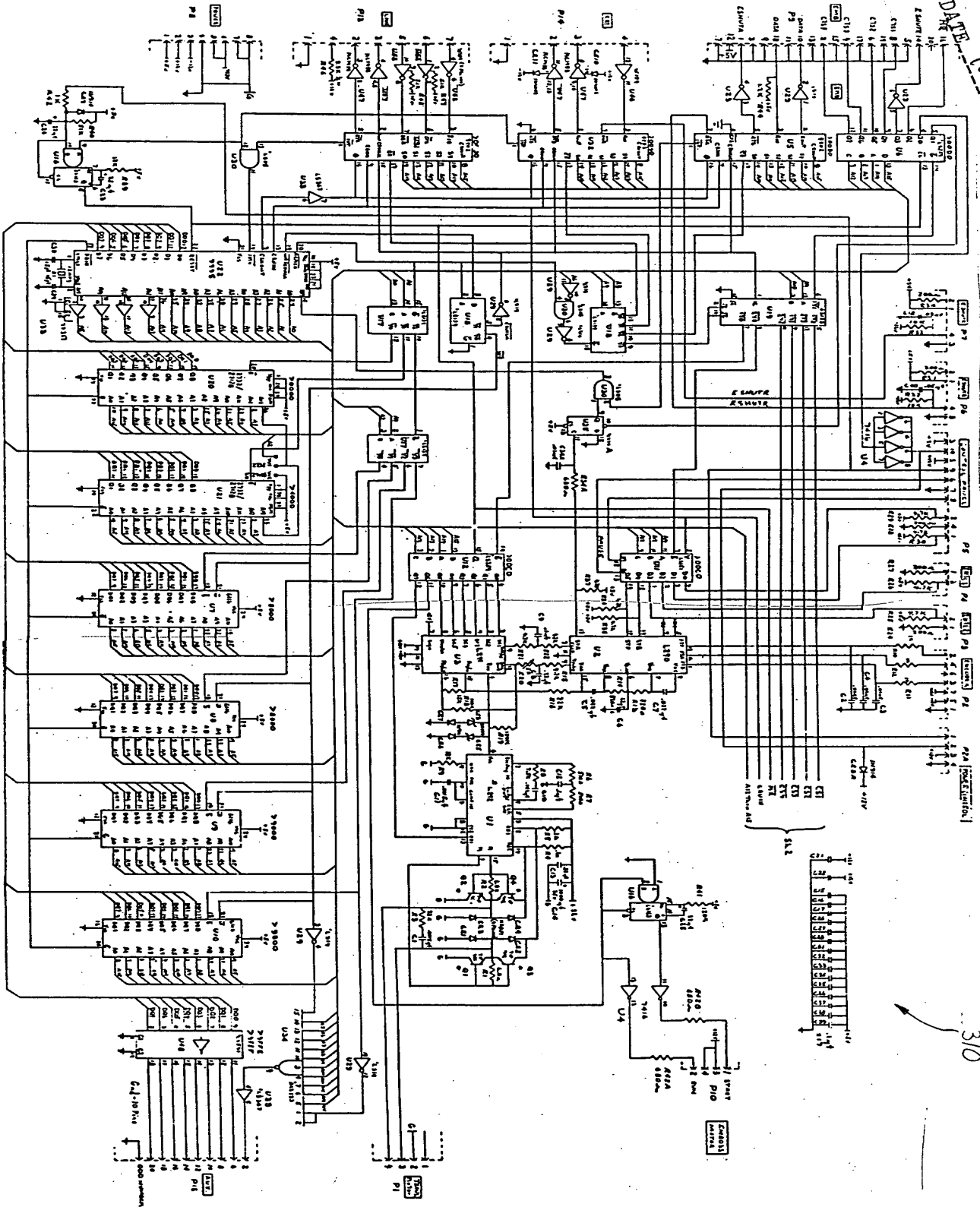
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FIG. 41.

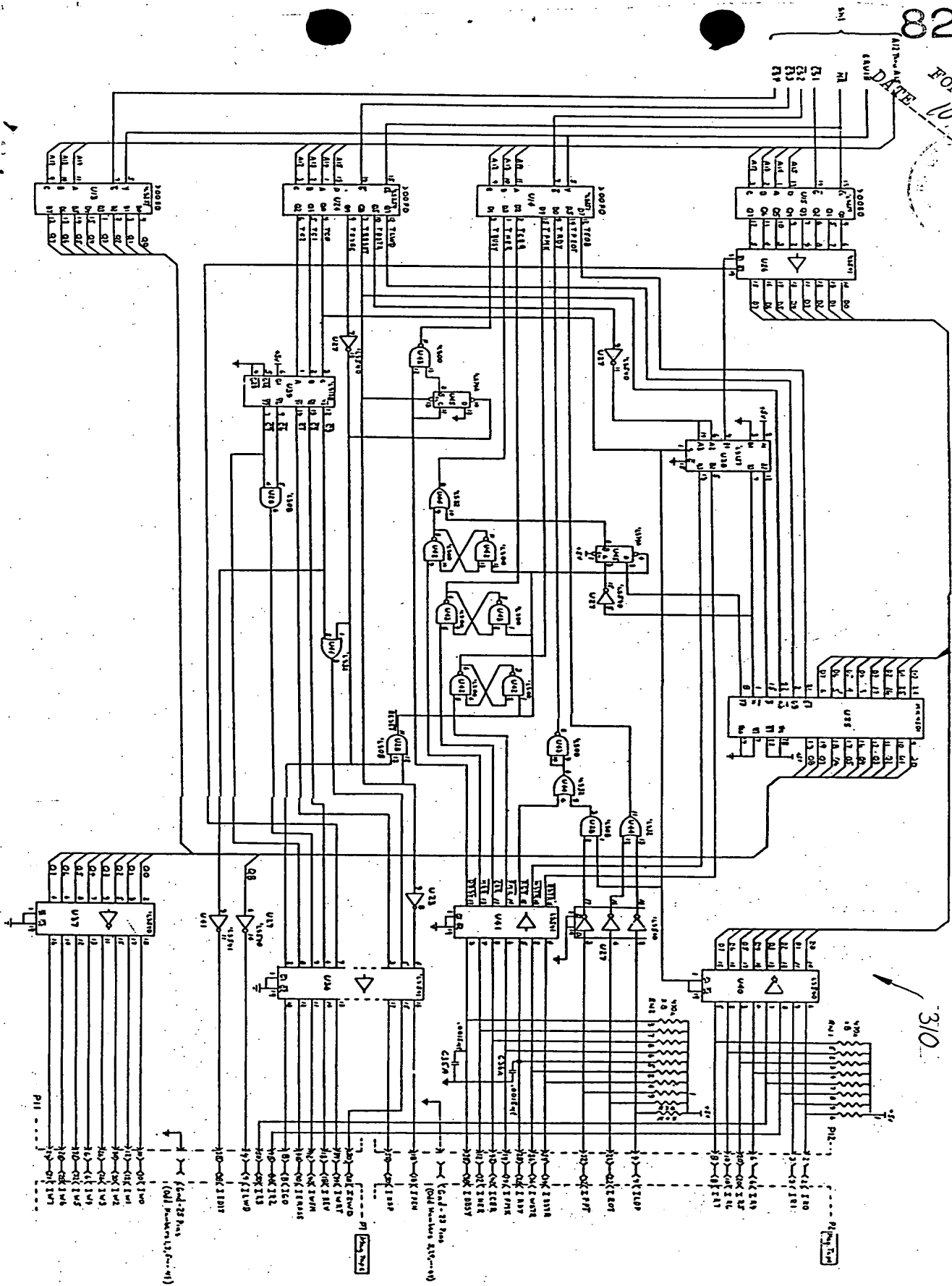


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DATE 10-6-86

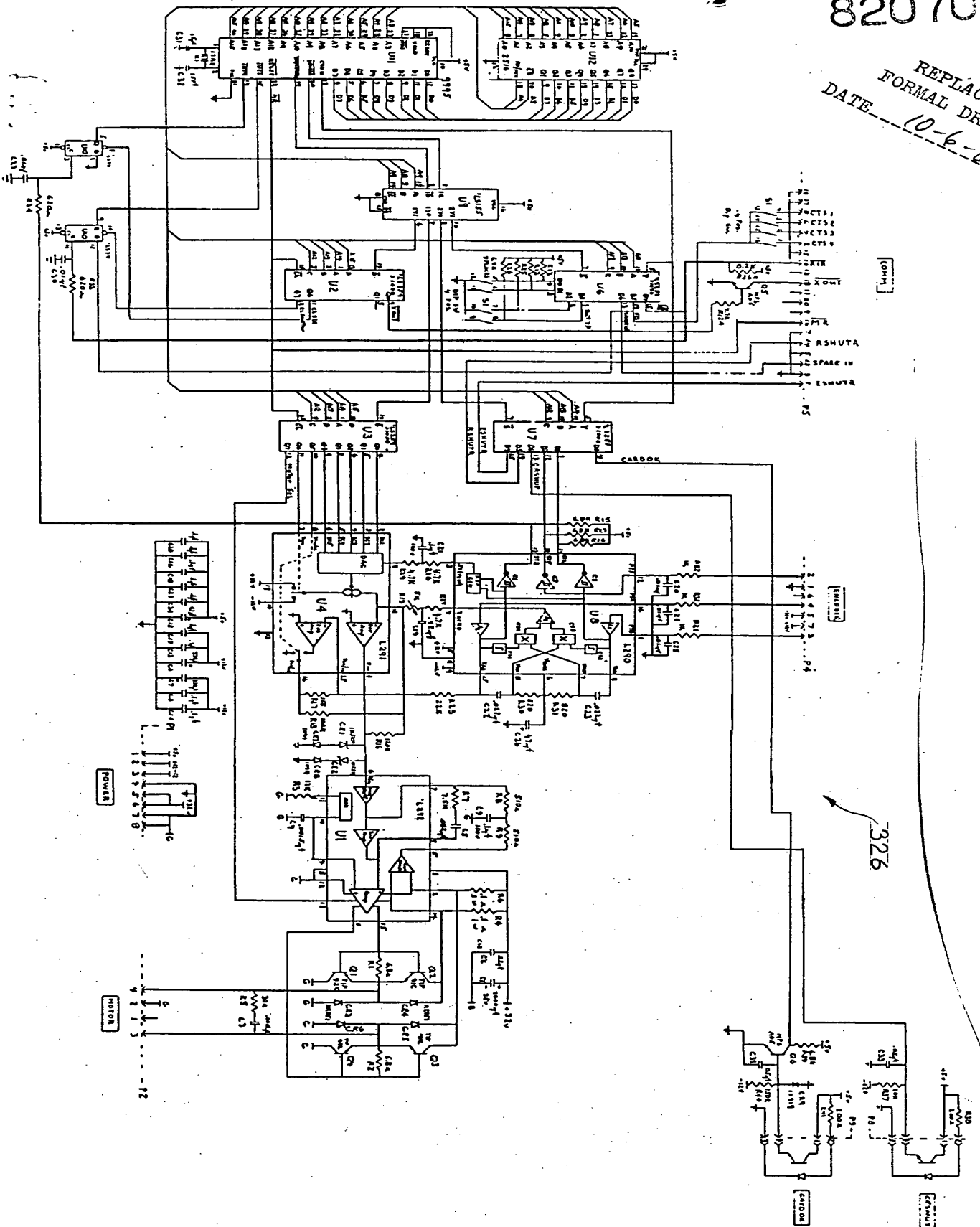
F/G 42.



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FIG. 43.



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